



National Chemical Laboratory

(Council of Scientific & Industrial Research)

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Publication and Science Communication Unit

Press release

25 August 2015

Dr. Srinivasa Reddy bags prestigious NASI-Reliance Industries Platinum Jubilee Award



Dr. D. Srinivasa Reddy, a senior scientist from CSIR- National Chemical Laboratory (CSIR-NCL), Pune has been chosen to receive this year's NASI- Reliance Industries Platinum Jubilee Award for the Application Oriented Innovations in the area of physical sciences. Two awards each in physical sciences and two in biological sciences are given every year. Prof. Manindra Agrawal from Department of Computer Science and Engineering, IIT-Kanpur is other recipient of award in physical sciences. Each award carries a plaque and Rs. 2 lakhs in cash will be presented in the 85th annual session of National Academy of Sciences, India.

Dr. Reddy's research group interests are in the field of total synthesis and drug discovery by applying medicinal chemistry. He has also been involved in the synthesis of the agrochemicals like small molecules for crop protection. The total synthesis of more than twenty natural products has been achieved in his lab including a sex pheromone that attracts the mealy bugs and has potential use in the crop protection. On the medicinal chemistry front significant progress has been made by his group using a new concept called "Silicon-switch approach" towards central nervous system drugs. Identification of New Chemical Entities for

Communication
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the potential treatment of diabetes and infectious diseases is being done in collaboration with industry partners.

Dr. Reddy had worked with pharmaceutical companies for seven long years before joining CSIR-NCL in 2010. His efforts are evidenced by more than 60 publications and 30 patents. He has recently received the CRSI bronze medal; in addition he is also the recipient of Central Drug Research Institute award for excellence in the drug research in chemical sciences and scientist of the year award by the NCL Research Foundation in the year 2013.

Notes to Editor:

National Chemical Laboratory (NCL) (www.ncl-india.org), Pune, India is a research, development and consulting organisation with a focus on chemistry and chemical engineering. It has a successful record of research partnership with industry. NCL is a flagship laboratory of the Council of Scientific & Industrial Research (CSIR, www.csir.res.in) which is the largest network of publicly funded research institutes in India.

National Academy of Sciences, India (www.nasi.org.in) was founded in 1930 with the objective to provide a national forum for the scientists to help them publish their research work and discuss the issues for the solutions. NASI-Reliance together give two awards each in the areas of physical and biological sciences for the application oriented innovations started from the year 2006. Areas for the Awards – **Physical Sciences**, including Chemistry, Engineering, Mathematics, Physics, Electronics, Nanotechnology, Information & Computer Sciences, Earth and Atmospheric Sciences; **Biological Sciences**, including Agriculture, Animal and Plant Sciences, Environment, Biotechnology, Biochemistry, Bioprocess Engineering, Bioinformatics, all branches of medical sciences and Nanotechnology.